FEB 26th 1912 – 1st APRIL 1912.

DOG SLEDGE PARTY

JOURNEY TO ONE TON CAMP

FEB. ~~[illegible]~~ 1912

Relief 1912

1st & 2nd Relief Party

B.E.A. 31

BRITISH ANTARCTIC EXPEDITION, 1910.

METEOROLOGICAL OBSERVATIONS

TAKEN ~~AT~~

On the Barrier and at Hut Point

During 1912

BY ~~[illegible]~~ Dog Party / to meet Capt Scott.

Position of Station: Lat. .... Long. ....

Height of Barometer Cistern above Mean Sea Level .... feet.

INSTRUMENTS IN USE, AND THEIR CORRECTIONS.

BAROMETER, No. 751 COMPARED WITH STANDARD at Cape Evans ~~in 19~~ Jan 17 1912

Correction required	Jan 17.	Feb 13							
Gravity included.	-·03.	-·03.							

Uncorr'd

THERMOMETERS		-70	-50	-30	-10	+10	+32				
Sling ~~Wet~~ Dry Bulb.	No. 40	-1·0	0·0	0·0	-0·5	-0·5	0·0.				
Max. in Shade.	No.										
Min. in Shade.	No.										
Max. in Sun.	No.										
Min. on Snow.	No.										
	No.										
	No.										

At Hut Point Minimum Thermometer used. No Correction used.

+20 to -20 -0·5

< -20 0·0

WEATHER.—Initials of the Beaufort Notation and Symbols adopted by international agreement for recording phenomena of weather.

Initial	Symbol	Meaning
b.		blue sky
c.		detached clouds.
o		overcast.
m.	≡°	mist.
f.	≡	fog.
g.		gloomy.
u.		ugly, threatening.
z.	∞	dust haze or smoke.
v.		unusual visibility.
t.	T	thunder.
l.	<	lightning.
	K	thunderstorm.
r.	●	rain.
p.		passing showers.
d.		drizzling rain.
e.		wet air without rain falling.
s.	✳	snow.
	+	snow drift.
	⊠	snow lying.*
	←	ice crystals.
h.	▲	hail.
	△	soft-hail.
w.	⌂	dew.
x.	⊔	hoar frost.
	V	silver-thaw. rime.
	~	glazed frost.
	↗	gale.
q.		squally.
	○	solar corona.
	⊕	solar halo.
	Ψ	lunar corona.
	Ⓣ	lunar halo.
	⌒	rainbow.
	♕	aurora.

* More than half the country in sight round the station covered with snow.

NOTE.—Do not use "h" for haze, nor "sh" for showers.

A line under an initial or the exponent "2," appended to a symbol, denotes intensity thus h̲ or ▲^{2} indicates heavy hail, ≡° indicates light fog or mist.

BEAUFORT WIND SCALE.

Beaufort Number.	Description of Wind.	Equivalent velocity in miles per hour.
0	Calm.	0
1	Light Breeze.	2
2		5
3		10
4	Moderate Breeze.	15
5		21
6	Strong Wind.	27
7		35
8	Gale forces	42
9		50
10	Storm forces	59
11		68
12	Hurricane.	above 75

INSTRUCTIONS.

Barometer.—The aneroid barometer should be lightly tapped before taking a reading.

Hypsometer.—Only pure water obtained from snow to be used. No water should be allowed to splash into the bulb of the thermometer during an observation.

Thermometer.—The aluminium sling thermometer should be allowed to remain in the open for at least ten minutes before a reading is taken in order that the bulb may acquire a temperature near that of the air. When an observation is to be made the thermometer should be opened and swung for a minute; the swinging must then be repeated until three readings have been obtained, each giving the same temperature. The final steady reading should then be entered in the note book.

Wind.—All wind directions must be "true" and not "magnetic"

Clouds.—The proportion of the sky covered by cloud should be indicated on a numerical scale running from 0, cloudless, to 10, completely overcast. The numbers given are to refer solely to the amount of the sky covered and not to the density, height or other quality of the cloud. Fog must be regarded as a cloud at ground level, and 10 must accordingly be entered for the amount of cloud on foggy days. If clouds can be seen through a thin mist, the amount of real cloud should be entered in the column and a note made under "Remarks."

The following are the chief cloud forms:

Cirrus ...	(Ci)	...	High.
Cirro-Stratus	(Ci-St)	...	
Cirro-Cumulus	(Ci-Cu)	...	
Alto-Cumulus	(A-Cu)	...	
Alto-Stratus	(A-St)	...	
Strato-Cumulus	(St-Cu)	...	Low.
Cumulus ...	(Cu)	...	
Stratus ...	(St)	...	
Nimbus ...	(Nb)	...	

Enter cloud directions as you would wind directions, *i.e.*, the direction from which they are coming.

Weather.—The Beaufort notation given on page 3 should be used.

Remarks.—Haloes and any unusual phenomena should be noted. It is also desirable that general topographical notes should be added, as for instance, "In valley running N.W.," "To-day's camp higher than yesterday's," etc.

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.	OBSERVER'S INITIALS.

DAY.	HOUR	POSITION. Lat.	POSITION. Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	CLOUD. Kind	Direction from upper	Direction from lower	BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.	OBSERVER'S INITIALS.
1912 Feb 26	8·30. am.			29·40	–	+1	S50E	3	oc.	10				Low drift all way from Hut Pt. Clearing a bit at intervals then thick again.	A.C-G.
	11·30 am.	Biscuit Depot		29·42	–	+2	S50E	3–4	oc.	10				rather more drift & wind. all land obscured – Some blue patches of sky.	〃
	5·00 pm.		ditto.	29·36	–	–1·5	E	1–2	oc.	10.				wind has gradually died down. Still thick to S but clear over Hut Point.	〃
	11 opm.	Corner Camp		29·26.	–	–4·2	SSW	1	oc.	10				thick to SE & E. Tops of mountains covered but foothills visible.	〃
27	noon		ditto	29·25	–	–2	SSE	2–3	Oc.	7	ci str			mountains & bluff clear. On W of Erebus looks as if there was a wind blowing to C. Evans with drift.	〃
27.	5·15 pm.	10 m. from C.C.		29·23	–	–3·5	SSE	3	oc.	9	str.			parts of foothills & all bluff & white Island visible, the rest obscured. Same appearance of wind on lower SW slopes of Erebus, though part of foot of Erebus & all peninsular is otherwise clear. Very dark open water sky behind.	〃
	9·5 pm.			29·20			SSE	↓5	oc	10	str.			Blizzard started suddenly. Everything was overcast except a blue strip on Southern horizon, out of which came the blizzard in the form of a cloud of drift. There seemed to be no cloud travelling with the drift.	〃

DAY.	HOUR	POSITION. Lat.	Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	Kind	Direction from upper	lower	BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.	OBSERVER'S INITIALS.
Feb 28	8.15 am.			29.29	–	-11	SE	3-4	o.c.	10				Mild Blizzard blowing.	
	4.15 pm.			29.37	–	-5	SE	1	o.c.	9	St.				
	8.30 pm.			29.36	–	-13	Sly	Lt airs	b.c.	4	St.			Clear overhead & to S. Overcast over Erebus & Terror, W. Mts also clear.	
[illegible]	11.30 pm.			29.41		-21.5	Nly	Lt airs	b.c.	3	St.			Ditto.	
Feb 29	10.30 am.			29.47		-16	Nly	Lt airs	b.c.	4	St.			All day very black over McMurdo & Sound. [illegible] Lower slopes of Erebus clear & now cloud is spreading over to Bluff all of which part has been clear all day & also to South.	
	1.30 pm.			29.40		-10.5	N	2	o.c.	5	St.				
	8.00 pm. Bluff Depot			29.36.		-18.5	N	3	o.c.	7	St. ci. cu.	NW			
March 1.	11.15 am. Ditto			29.29		-1	–	0	o.c.	5	Ci st.			The W. Mts & Ross Island in cloud all day. Otherwise clear till about 3 p.m. when everything became overcast from N very quickly. Now sun breaking through at intervals –	
	8.45 pm.			29.14.		-12.5	NW	2	o.c.	9	A st.				
2	6.30 am			29.12		-23.7	NW	4	o	9	A st.			This morning it was overcast & blowing a mild blizzard from NW. Now at 2 p.m. it is clearing to W. & S. – otherwise it is still thick –	
	2.00 pm.			29.09		-14.2	NW	2	o.c.	7	A st.				

DAY.	HOUR	POSITION. Lat.	Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	Kind	Direction from upper	lower	BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.	OBSERVER'S INITIALS.
March 2	6.15 pm			29.01	–	-21.5	W	1-2	oc	5	Str.			Cleared gradually to W & S & now bright sun except over Ross Island & the Sound where it is thickly overcast – small bank of cloud to S.	
3	9.00 am.			29.05	–	-23.7	SW	lt airs	b.	0	–			} all mountains & Barrier clear.	
	1.45 pm.			29.06	–	-15	lt airs.		b.	0					
	5.45 pm		1 Tm.	29.11		-24.5	SW	1	bc	3	ci sh				
4	9.00 am		"	29.06		–	SW	6	oc	7	cist			Blizzard in night. Now much better.	
	4.45 pm.		"	29.04		-8	SW	4-5	b [illegible]	9	cist			Still blowing with clear sky, except to E where there is low lying cloud.	
	8.45 pm		"	29.00		-14.5	SW	5	bc.	3	cist				
5	9.00 am		"	29.08		-18	S	1	oc.	7	cist				
	2.00 pm.		"	29.12		-21	SW	lt airs	oc	8	cist.			Overcast & thick to S.	
	8.00 pm.		"	29.09		-3[illegible]		lt airs	bc	4	cist				

DAY.	HOUR	POSITION. Lat.	Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	Kind	Direction from upper	lower	BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.	OBSERVER'S INITIALS.
March 6.	9.30 am	1 Ton Depot		–	–	-14	SW	7-8	0.	10	cist			Blizzard started in night – took off in middle of afternoon – a [illegible] parhelion in the afternoon. Ice crystals falling all day.	
	5.30 pm	"		29.15	–	-6	SW	3	bc	7	cist				
	8.00 pm.	"		29.15	–	-19	SW	1	bc.	6	cist				
7.	12.30 pm	"		29.01	–	-8	SW	1	bc.	8	cist			Another blizzard blew in the night, at midnight wind 5 & moderate drift. This went down towards the morning.	
	4.15 pm.	"		28.96		-10	NNW	1	b.	–	–			Very clear – Erebus visible.	
	8.30 pm	"		28.91		-27.5	NW	1	b	–	–				
8.	9.00 am	"		29.00		-28	SSW	3-4	bc.	3	cist			Band of cloud to South – otherwise clear	
	3.30 pm.	"		29.06		-23	SW	Vain	bc.	4	cist			" & to W. "	
	8.00 pm	"		29.11		-37	–	Vain	bc.	5	cist			" " . Bluff capped	

DAY.	HOUR	POSITION. Lat.	POSITION. Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	CLOUD. Kind	CLOUD. Direction from upper	CLOUD. Direction from lower	BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.	OBSERVER'S INITIALS.
March 9.	9.00 am		1 Tm D.	29·16	–	-13	SW	6	0.	9	ci st			Blizzard.	
	3.45 pm.		"	–		-14	SW	2-3	o.c.	4	ci st				
	8.00 pm.		"	29·16		-27	SW	2	o.c.	4	ci st				
10.	8.00 am		"	29·06		-33·5	N	1-2	b	0	–				
	1.45 pm		Return journey	29·00		-23	Nly	Vairs	o.c.	6	Cum Ci St			Cumulus cloud over Bluff.	
	7.00 pm		"	28·94		-16	NE	2	o.c.	9	ci st			Everything overcast but W. Mts & strip of blue to S.	
11.	9.00 am		"	28·99		-12	NE	1-2	0	10	ci st			NE wind in night 3-4.	
	2.00 pm.		"	29·04		-12·5	SSE	3	0	10	ci st			Snowing all morning - now clearer.	
	6.00 pm		"	29·14		-13	SW	6-7	0	10	ci st			Blizzard now blowing	
12	9.00 am			–		-33·5	SW	4-5	b.c.	7	ci st			Blizzard still blowing but high drift stopped. Clearing to South	
	10.45 am			29·26		-28	SW	3-4	o.c.	5	ci st			Clear overhead & to S, Overcast to N.	

BRITISH ANTARCTIC EXPEDITION, 1910.

DAY.	HOUR	POSITION. Lat.	POSITION. Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	CLOUD. Kind	CLOUD. Direction from upper	CLOUD. Direction from lower	REMARKS.	OBSERVER'S INITIALS.
March 12	4.00 pm.			29·47	–	-28	SW	1-2	o.c.	5	Ci St			Ross Island & Strait overcast, also NE: the rest is clear.	
	8.00 pm.			29·24		-25	S	2-3	o.c.	5	Ci St			" "	
13	9.00 am			29·26		-30·5	N'ly	Lt airs	b.	0	0			All clear.	
	2.45 pm			29·24		-26	NE'ly	Lt airs	o.c.	7	fog			Fog over sea & to E.	
	7.30 pm			29·25		-19	SW	1-2	b.c.	8	fog			Evening obs. Everything has been obscured by fog. Also Ross Island; foothills of White Island & Bluff are visible.	
14.	9.00 am.			29·42		-16	N'ly	Lt airs	o.c.	5.	Ci St				
	2.30 pm.			29·41		-15	0	–	o.c.	5	Ci St			All land clear & Barrier: except SW slopes of Erebus which are very black. ? Blizzard at C. Evans. Strait also obscured.	

BRITISH ANTARCTIC EXPEDITION, 1910.

DAY.	HOUR	POSITION. Lat.	Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	Kind	Direction from upper	lower	REMARKS.	OBSERVER'S INITIALS.
March 14	6.0 pm	Biscuit Depot		29.40	–	-16.5	NE	2	oc. / c	8	a sh			all overcast except bit piece of blue sky to S & E. During afternoon Open water sky over Hut Point. Bluff clear	
15	9.00 am	"	"	29.37	–	-16.5	SE	7	0	10	a sh			Blizzard.	
	6.45 pm.	"	"	29.35		-20	SE	[illegible]	0	10	a sh.			all day blizzard – this morning up to force 9 at times. Now land is clearing. This blizzard started by sky becoming overcast from N. Black cloud over Hut Point & towards Mt. Discovery	
16	8.30 am	"		29.55	–	-22	E	1–2	f	10	fog			Wind & drift stopped in early morning – now fairly thick fog.	
	7.30 pm	Hut Pt.		29.65		-13	SE	2–3	b	0	–			Clear on Barrier this morning: drift round C. Armitage	
17	11.15 am.	"		29.57		-13.5	ESE	[illegible] 3–4	o.c.	9	a sh.			Minimum 16–17th: -17. Open water to Arrival Bay.	
	7.15 pm			29.35		-13.5	ESE	2	o.c.	10	a sh			Mild blizzard during day, wind up to 6. In afternoon snow thick over Barrier.	

DAY.	HOUR	POSITION. Lat.	Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	Kind	Direction from upper	lower	BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.	OBSERVER'S INITIALS.
March 18.	11. am	Hut Point		29.13	–	~~-18.5~~ -12	NE	3	o.c.	9	ci.st.			This morning considerable drift from ESE. Now White Isld clear, & Bluff obscured.	
	3.45 pm.			29.00	–	-7	NE	* 2	o.c.	10	ci.st.			Minimum 17th to 18th -18.5.	
	8.30 pm.			28.82		-14	E	↓ 4-5	o.c.	10	ci.st.			Observation Hill visible but moderate blizzard blowing.	
19	9.30 am			28.57		-8	–	0	o.c.	9	ci.st.			Minimum 18th to 19th -16.	
	2.00 pm			28.60		-7	ESE	↓* 4	o.c.	7	ci.st.			Low drift. All Barrier obscured.	
	7.15 pm			28.64		-2	ESE	↓* 7	o.c.	10	ci.st.			Blizzard started 4.30 p.m. Minimum 19th-20th. -13.	
20	10.30 am			–		-4	SE	↓* 8	o.c.	10	ci.st.			Wind up to 9 during night: big snowfall & drift.	
	3.00 pm			29.15		+1	S	↓* 9	o.c.	10	ci.st.			Wind gusty rising to 9 with heavy snow & drift.	
	8.00 pm.			–		-7	S	↓* 9	o.c.	10	ci.st.			Strong steady blizzard.	
21	10.0 am			29.06		-10	ESE	↓* 7	o.c.	10	ci.st.			Sun just visible. Minimum 20-21st. -10.	
	8.00 pm			–		-6	ESE	↓ 5	b.c.	5	ci.st.			Clearing with W. land visible, but thick at intervals.	

BRITISH ANTARCTIC EXPEDITION, 1910.

DAY.	HOUR	POSITION. Lat.	POSITION. Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	CLOUD. Kind	Direction from upper	Direction from lower	REMARKS.	OBSERVER'S INITIALS.
March 22	10.30 am.	Hut Point		28·96	–	–4	SW.	lt airs	b.	0	–			Minimum 21–22nd –12.	
	6.00 pm.	"		28·91	–	–2	–	0	b.c.	5	a.sti			Minimum 22–23rd ?	
23	9.15 am	"		28·70	–	+10	NNW	4–5	b	0	–			The clouds which had gathered in W & S last night have dissappeared.	
	7.30 pm	"		28·75		+9·5	Sly	lt airs	b.c.	3	C.sti			Minimum 23–24th +1 midday 23rd Wind on Heights NNE force 7	
24	9.00 am	"		28·85		+14	N	* 4	o.c.	10	C.sti			Heavy snowfall & low drift. Observation Hill obscured.	
	3.00 pm	"		28·90		+17	NNW	* 2	o.c.	10	a.sti				
	7.00 pm	"		28·96		+18	SSE	* 5	o.c.	10	a.sti			The wind went round to SW during afternoon & then to SSE. Minimum 24th–25th: +9	
25	9.30 am	"		29·17		+9	SE	4	b.c.	4	a.sti			Low drift, some high drift to S. Land clear.	
	1.30 pm	"		29·15		+14	SE	4	b.c.	5	a.sti				
	7.15 pm	"		29·15		+4	SE	6	b.c.	6	a.sti			Strong wind but little drift here. High drift down Strait. Bluff obscured.	

DAY. 1912	HOUR	POSITION. Lat.	Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	Kind	Direction from upper	lower	BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.	OBSERVER'S INITIALS.
March 26.	10·30am	Hut Point.		29·20	–	+5	SSE	4-5	o.c.	10	a st			Moderate Blizzard. Minimum 25-26th +1.	
	1·00pm	"		29·20	–	+5	SSE	8	o.c.	10	Ci St			Strong blizzard.	
	6·00pm	"		29·11	–	+4	S	9	o.c.	10	Ci St	Continued in Hut Point		Blizzard gusty this afternoon & Sun was visible at one time. Now very thick.	
27	10·30am	"		29·50	–	+8·5	SSE	4	o.c.	10	Ci St	Log (Sept 1911)		Minimum 26th-27th +4·5	
	2·30pm	Safety Camp.		28·99.		+3.	NNE	3.		10	Ci St				ELA
	5·30pm	3m SE of SC		28·93.		-3	ENE	3.		10.	Ci St				
28	7·am	" " " "		29·05		-6	ENE	2.		8	Ci St			Min for 27th-28th -6.	ELA
	12·30pm	Bivouac Depot		29·05		-15	ESE	3.		8.	Ci St			Wonderful Dazzling mirage. Very cloudy to E.	ELA
	5pm	2m E of [illegible] "		29·352		-6	NW	1-2.		8	Ci St			Lot of mirage Bluff cloudy. Clearing to E.	ELA
29th	7am	" " "		29·15		-3	SE	1-2		10	Ci St			Min for 28-29th -13. Bluff clear.	
	12·30pm	7m from CC.		29·20		0	NW	Calm		10	Ci St			Bluff getting cloudy clearing to NW. Western Mts cloudy.	ELA
	5·30pm	8m from CC		29·21.		0	NW	1-2		10	Ci St				

DAY. 1912	HOUR	POSITION. Lat.	Long.	Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD. Amount	Kind	Direction from upper	lower	BRITISH ANTARCTIC EXPEDITION, 1910. REMARKS.	OBSERVER'S INITIALS.
March 30th	7am	1 m from CC		29·26		−8	SE	1-2	C	10	Str			Min 29th–30th −16°	ELA
	12 Noon	Corner Camp		29·29		−3	S	3-4	C	10	Str			Slight snow-fall and drift also all land cloudy	ELA
	5·30pm	8 m from CC		29·31		−5	SE	3-4	C	10	Str			Bluff and land cloudy.	
31st	7am	" "	" "	29·4		−13	ESE	3-4	C	10	Snowing			Min −13°F. Brrr very cold	ELA
	11am	11 m from CC		29·45		−13	SE	3-4	C	10	Snowing				
	5·30pm	1 m from [illegible]		29·43		−13	SE	3-4	C	10	Snowing				
April 1st	7am	" "	" "	29·50		−17	NE	2-3	C	10	—			Min −17°F	ELA
	12 noon	6 " "	" "	29·49		−15	NE	3-4	C	10	Bright				
	4pm	Edge of Barrier		29·55		−17	ESE	3-4	C	10					

DAY.	HOUR	POSITION.		Bar	Hyps-omet-er	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from	
												upper	lower

BRITISH ANTARCTIC EXPEDITION, 1910.

REMARKS.	OBSERVER'S INITIALS.

DAY.	HOUR	POSITION		Bar	Hypsometer	Dry Bulb	Wind Dir. True	Wind Force	Weather	CLOUD.			
		Lat.	Long.							Amount	Kind	Direction from upper	lower